# TOTAL MAXIMUM DAILY LOAD

Department of Ecology
P.O. Box 47600
Olympia, WA 98504-7600

Developed pursuant to 40 CFR 130.7 and the Federal Clean Water Act

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**WATERBODY SEGMENT:** WA-32-1060

Mill Creek

(mouth at Walla Walla RM 33.6 to RM 6.4)

**RECEIVING SYSTEM INFORMATION:**

Basin: Walla Walla
County: Walla Walla

**TMDL PARAMETER:**

Ammonia-N

**APPLICABLE RULES:**

WAC 173-201-045(3)(c)(ii)(A)
WAC 173-201-047
WAC 173-201-080(62)

**SOURCES COVERED BY THIS TMDL:**

| Allocation Type | Source Description |
|---|---|
| WLA | Walla Walla WWTP |
| LA | Mill Creek Tributaries |

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TMDL:

A loading capacity for total ammonia-N to Mill Creek has been determined for each month from October through April. These loading rates have been shown to maintain an in-stream un-ionized ammonia-N concentration below 16 ug/L-N, consistent with the state water quality standard at a design 1Q10 monthly low flow. No WLA has been set for ammonia-N during the period of discharge to Mill Creek. A WLA of 0 pounds of ammonia-N per day has been set for the period from May through November.

Technical Documents:

Joy, J. 1987. Walla Walla Treatment Plant/Mill Creek Receiving Water Survey, February 12-13, 1986, and TMDL EValuation. Washington Department of Ecology, Olympia, WA.

Singleton, L. and J. Joy. 1982. Mill Creek Receiving Water Survey. Memorandum to Carl Nuechterlein, Washington State Department of Ecology, Olympia, WA.

Public Participation:

The permit conditions were subject to a public notice and comment period required by the permit renewal.

Implementation:

The permit establishing the seasonal removal of the Walla Walla WWTP discharge from May through November was issued April 29, 1988.

Monitoring:

No ambient monitoring of Mill Creek is currently conducted or planned.